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Columbia Tech Tr

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<p>Rubinshteyn, S. A. STRESSES AND FORCES IN THE CUTTING OF METALS. [1961] [11]p. 11 refs. [DSIR LLU] M 2282. Order from OTS or SLA \$1.60 61-13764</p> <p>Trans. of Nauchnyye Doklady Vyshey Shkoly. Mashino- stroyeniye i Priborostroyeniye (USSR) 1958, no. 4, p. 170-180.</p> <p>DESCRIPTORS: Stresses, Plasticity, Theory, *Metals, Deformation, *Cutting tools, Machining.</p> <p>The method of determining the stresses, based on the theory of plasticity is reviewed under the following topic headings: (1) contact stresses and forces on the front surface; (2) constancy of volume condition during the formation of the chip element; (3) condition of equilibrium of the chip elements; (4) determining the forces and stresses of cutting; (5) method of calculating forces and stresses; and (6) examples of calculation.</p> <p>(Machinery--Manufacturing, TT, v. 6, no. 4)</p>	<p>61-13764</p> <p>I. Rubinshteyn, S. A. II. DSIR LLU M.2282</p> <p>Office of Technical Services</p>
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(Abstract available)

DESCRIPTORS: \*Hydrology, \*Water supplies, Con-  
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\*Phosphorus compounds, Toxicity,

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of water. Tests had shown that 0.04 mg/l was the  
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tion in water. Chlorophos inhibited the processes of  
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TT-61-31601-5 (p. 68-75)

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II. Public Health Service,  
Washington, D. C.

73518

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DESCRIPTORS: \*Insects, \*Pest control, Economics,  
Agriculture.

(Agriculture--Plant Cultivation, TT, v. 7, no. 7)

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- I. Rubtcov, I. A.
- II. Translations, New York
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CIA/FDD X 468

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